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CERTIFICATE OF FACSIMILE TRANSMISSION TO THE
UNITED STATES PATENT AND TRADEMARK OFFICE

DATE: August 18, 2003

Examiner: Do, Chat C.
Art Unit: 2124
Fax: 703-746-7238
From: Thomas M. Fisher

: RE: U.S. Patent Application
: Serial No.: 09/507,521
: Applicant: Min Xie et al.
: Atty. Dkt. No.: 15-CT-5271

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AUG 19 2003

Technology Center 2100

DOCUMENTS SUBMITTED WITH TRANSMISSION:

Amendment Transmittal (3 pgs.)
Amendment in Response to Office Action of June 17, 2003 (28 pgs.)
Fax Transmittal (1 pg.)

Total pages including cover page: 32

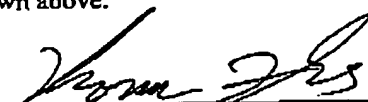
If all pages are not received, please contact: Linda Driscoll at Ext. 7229

RE: The above referenced U.S. Patent Application
Title: METHOD AND APPARATUS FOR FAST NATURAL LOG(X) CALCULATION
Filed: February 18, 2000

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VIA FACSIMILE (703) 746-7238

PATENT
15-CT-5271

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Min Xie et al.

Serial No.: 09/507,521

Filed: February 18, 2000

For: METHOD AND APPARATUS
FOR FAST NATURAL LOG(X)
CALCULATIONCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Art Unit 2322

Examiner: Dg, Chat C.

TRANSMITTAL

1. Transmitted herewith is:

Amendment Transmittal (3 pgs.)

Amendment in Response to Office Action dated June 17, 2003 (28 pgs.)

Fax Transmittal (1 pg.)

STATES

2. Applicant

Claims small entity status:
X is other than a small entity.

CERTIFICATE OF MAILING/TRANSMISSION

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MAILING

deposited with the United States Postal Service with
sufficient postage as "Express Mail Post Office to
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for Patents, P.O. Box 1450, Alexandria, VA 22313-
1450.

Date: August 18, 2003

FACSIMILE

Transmitted by facsimile to the Patent and
Trademark OfficeJames M. Fisher
Reg. No. 2003-04

EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.

(complete (a) or (b), as applicable)

- (a) _____ Applicant petitions for an extension of time under 37 C.F.R. 1.136
(Fees: 37 C.F.R. 1.17(a)-(d) for the total number of months checked below:)

Extension for response within:	Other than small entity Fee	Small entity Fee (if applicable)
_____ first month	\$ 110.00	\$ 55.00
_____ Second month	\$ 220.00	\$ 205.00
_____ Third month	\$ 330.00	\$ 465.00
_____ Fourth month	\$ 440.00	\$ 725.00
_____ fifth month	\$ 550.00	\$ 985.00

Fee:

\$ _____

If an additional extension of time is required, please consider this a petition therefor.

(Check and complete the next item, if applicable)

_____ An extension of _____ months has already been secured. The fee paid therefor \$ _____ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request: \$ _____

OR

- (b) X Applicant believes that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

VIA FACSIMILE (703) 746-7238

15-CT-5271
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Min Xie et al.

Serial No.: 09/507,521

Filed: February 18, 2000

For: METHOD AND APPARATUS
FOR FAST NATURAL LOG(X)
CALCULATION

Art Unit 2824

Examiner: Dc, Chat C.

#12/6
H.E.

[Signature]
10-23-03

AMENDMENT

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated June 17, 2003, and made final, in accordance with 37 C.F.R. §1.116, Applicants respectfully request consideration of the following amendment.